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6 pages

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| Ref # | Hits | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------|------------------|---------|------------------|
| S12 7 | 1    | ("20020026574").PN.   | US-PGPUB; USPAT        | OR               | OFF     | 2004/12/14 17:03 |
| S12 9 | 1    | ("20030105876").PN.   | US-PGPUB; USPAT        | OR               | OFF     | 2004/12/14 16:59 |
| S13 0 | 1    | ("20030149872").PN.   | US-PGPUB; USPAT        | OR               | OFF     | 2004/12/14 17:11 |
| S13 1 | 1    | ("5497422").PN.   | US-PGPUB; USPAT        | OR               | OFF     | 2004/12/14 17:13 |
| S13 3 | 1    | ("20020199001").PN.   | US-PGPUB; USPAT        | OR               | OFF     | 2004/12/14 17:13 |
| S13 3 | 1919 | 713/155-159,168,175.ccls.   | US-PGPUB; USPAT        | OR               | OFF     | 2005/04/10 14:19 |
| S13 4 | 854  | S133 and ((independent or separate or two or other or another or multiple or plural\$3 or cross or delagat\$3) near3 (certificate\$1 or (certificat\$3 near authorit\$3) or ca\$1))   | US-PGPUB; USPAT        | OR               | OFF     | 2004/12/14 17:20 |
| S13 6 | 362  | S133 and ((independent or separate or two or other or another or multiple or plural\$3 or delagat\$3) near3 certificat\$3)  | US-PGPUB; USPAT        | OR               | OFF     | 2005/04/10 14:20 |
| S13 7 | 25   | S133 and (((independent or separate or two or other or another or multiple or plural\$3 or delagat\$3) near2 certificat\$3) with (send\$3 or receiv\$3 or transmit\$4))   | USPAT                  | OR               | OFF     | 2005/04/10 14:57 |
| S13 8 | 21   | ("20020143710"   "4881264"   "5029150"   "5210795"   "5224163"   "5276901"   "5793868"   "5796841"   "5996076"   "6023506"   "6044462"   "6058484"   "6092201"   "6202151"   "6212636"   "6253322"   "6263446"   "6324645"   "6327578"   "6393563"   "6484259").PN. | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2005/04/10 15:01 |

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| S13<br>9 | 26   | ("5339403"   "5560008"   "5659616"   "5717757"   "5757920"   "5758069"   "5774552"   "5815574"   "5832211"   "5894556"   "5899990"   "5903882"   "5987134"   "6006333"   "6044466"   "6088805"   "6105027"   "6108788"   "6115040"   "6141760"   "6182229"   "6189096"   "6275941"   "6339830"   "6484258"   "6574655").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/10 15:01 |
| S14<br>2 | 249  | ((device or host or computer or smartcard or "smart card") near2 certificat\$3) with ((user or person or entity) near2 certificat\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/10 15:01 |
| S14<br>4 | 8    | ("4196310"   "5261070"   "5721780"   "5887140"   "6055638"   "6067621"   "6084977"   "6237023").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/10 15:11 |
| S14<br>5 | 3    | ("6237023").URPN.   | USPAT   | OR | OFF | 2005/04/10 15:11 |
| S15<br>2 | 1919 | 713/155-159,168,175.ccls.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2004/12/15 15:17 |
| S15<br>3 | 214  | S152 and ((independent or separate) near3 ((certificat\$3 near authorit\$3) or ca\$1))  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/04/10 15:12 |
| S15<br>4 | 6    | S153 and ((without or no) near2 trust)  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/04/10 15:29 |
| S15<br>5 | 1    | S152 and (((independent or separate) near3 ((certificat\$3 near authorit\$3) or ca\$1)) same ((without or no) near2 trust))   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/04/10 15:30 |
| S15<br>6 | 1    | (((independent or separate) near3 ((certificat\$3 near authorit\$3) or ca\$1)) same ((without or no) near2 trust))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/15 15:22 |
| S15<br>7 | 34   | S152 and ((independent or separate) near3 ((certificat\$3 near authorit\$3) or ca or cas))  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2004/12/15 16:47 |
| S15<br>9 | 3    | S152 and micali.in. and (((certificat\$3 near authority) or ca) with trust)   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/04/10 15:32 |
| S16<br>0 | 1401 | 713/155-159,168,175.ccls. and (@ad<"20010601" or @rlad<"20010601")  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/07/15 14:24 |

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| S16<br>1 | 260 | S160 and (((independent or separate or two or other or another or multiple or plural\$3 or delagat\$3) near3 certificat\$3)   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/07/15 14:25 |
| S16<br>3 | 36  | S160 and (((independent or separate or two or other or another or multiple or plural\$3 or delagat\$3) near2 certificat\$3) with (send\$3 or receiv\$3 or transmit\$4))   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/07/15 14:37 |
| S16<br>4 | 21  | ("20020143710"   "4881264"   "5029150"   "5210795"   "5224163"   "5276901"   "5793868"   "5796841"   "5996076"   "6023506"   "6044462"   "6058484"   "6092201"   "6202151"   "6212636"   "6253322"   "6263446"   "6324645"   "6327578"   "6393563"   "6484259").PN.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/04/10 15:01 |
| S16<br>5 | 26  | ("5339403"   "5560008"   "5659616"   "5717757"   "5757920"   "5758069"   "5774552"   "5815574"   "5832211"   "5894556"   "5899990"   "5903882"   "5987134"   "6006333"   "6044466"   "6088805"   "6105027"   "6108788"   "6115040"   "6141760"   "6182229"   "6189096"   "6275941"   "6339830"   "6484258"   "6574655").PN. | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/04/10 15:01 |
| S16<br>6 | 270 | ((device or host or computer or smartcard or "smart card") near2 certificat\$3) with ((user or person or entity) near2 certificat\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/15 14:38 |
| S16<br>7 | 151 | S166 and (@ad<"20010601" or @riad<"20010601")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/15 14:39 |
| S16<br>8 | 8   | ("4196310"   "5261070"   "5721780"   "5887140"   "6055638"   "6067621"   "6084977"   "6237023").PN.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/04/10 15:11 |
| S16<br>9 | 3   | ("6237023").URPN.   | USPAT   | OR | OFF | 2005/04/10 15:11 |

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| S17<br>1 | 23   | S160 and (((independent or separate) near3 ((certificat\$3 near authorit\$3) or ca or cas))   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/07/15 14:54 |
| S17<br>2 | 0    | S160 and (((certificat\$3 near authorit\$3) or ca or cas) with ((no\$1 or without) near2 (share\$1 or common) near4 (root\$1 or ancester\$1)))                          | US-PGPUB;<br>USPAT  | OR | OFF | 2005/07/15 15:02 |
| S17<br>3 | 0    | S160 and (((independent or separate) near3 ((certificat\$3 near authorit\$3) or ca\$1)) same ((without or no) near2 trust))   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/07/15 15:02 |
| S17<br>4 | 28   | S160 and (cross near2 certificate\$1)   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/07/15 15:03 |
| S17<br>5 | 55   | ((id or identif\$7) near3 concatenaat\$3) with (certificate or signature)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/15 15:15 |
| S17<br>6 | 28   | S175 and (@ad<"20010601" or @rlad<"20010601")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/06/20 15:30 |
| S17<br>7 | 323  | ((id or identif\$7) near3 combin\$5) with (certificate or signature)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/06/20 15:29 |
| S17<br>8 | 192  | S177 and (@ad<"20010601" or @rlad<"20010601")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/06/20 15:30 |
| S17<br>9 | 2225 | 713/155-159,168,175-176.ccls.<br>and (@ad<"20010601" or @rlad<"20010601")   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/07/15 14:24 |
| S18<br>0 | 301  | S179 and (((independent or separate or two or other or another or multiple or plural\$3 or delagat\$3) near3 certificat\$3)   | US-PGPUB;<br>USPAT  | OR | OFF | 2005/07/15 14:25 |
| S18<br>1 | 43   | S179 and (((independent or separate or two or other or another or multiple or plural\$3 or delagat\$3) near2 certificat\$3) with (send\$3 or receiv\$3 or transmit\$4)) | US-PGPUB;<br>USPAT  | OR | OFF | 2005/07/15 14:37 |

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|----------|-----|--|--|----|-----|------------------|
| S18<br>2 | 285 | ((device or host or computer or smartcard or "smart card") near2 certificat\$3) with ((user or person or entity) near2 certificat\$3)          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2005/07/15 14:38 |
| S18<br>3 | 155 | S182 and (@ad<"20010601" or @rlad<"20010601")  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2005/07/15 14:39 |
| S18<br>4 | 33  | S179 and ((independent or separate) near3 ((certificat\$3 near authorit\$3) or ca or cas))   | US-PGPUB; USPAT                                    | OR | OFF | 2005/07/15 14:54 |
| S18<br>5 | 0   | S179 and (((certificat\$3 near authorit\$3) or ca or cas) with ((no\$1 or without) near2 (share\$1 or common) near4 (root\$1 or ancester\$1))) | US-PGPUB; USPAT                                    | OR | OFF | 2005/07/15 15:02 |
| S18<br>6 | 0   | S179 and (((independent or separate) near3 ((certificat\$3 near authorit\$3) or ca\$1)) same ((without or no) near2 trust))                    | US-PGPUB; USPAT                                    | OR | OFF | 2005/07/15 15:02 |
| S18<br>7 | 32  | S179 and (cross near2 certificate\$1)  | US-PGPUB; USPAT                                    | OR | OFF | 2005/07/15 15:03 |
| S18<br>8 | 203 | ((id or identif\$7) near3 (concatenat\$3 or combin\$3)) with (certificate or signature)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/07/15 15:09 |
| S18<br>9 | 637 | ((id or identif\$7) near3 (two or plural\$3 or multiple)) with (certificate or signature)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/07/15 15:10 |
| S19<br>0 | 392 | ((id or identif\$7) near2 (two or plural\$3 or multiple)) with (certificate or signature)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/07/15 15:10 |
| S19<br>1 | 11  | S188 and S190  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/07/15 15:10 |

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| S19<br>2 | 0   | ((signature) near3 concatena\$3)<br>with certificate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 15:16 |
| S19<br>3 | 777 | (signature or certificate or id or<br>identification) near3 payload   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 15:17 |
| S19<br>4 | 565 | (signature or certificate or id or<br>identification) near2 payload   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 15:18 |
| S19<br>5 | 253 | (signature or certificate or id or<br>identification) near payload  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 15:18 |
| S19<br>6 | 120 | S195 and (@ad<"20010601" or<br>@rlad<"20010601")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 15:18 |
| S19<br>7 | 34  | S196 and ((multiple or two or<br>plural\$3) near3 (id or identif\$8 or<br>signature or certificate))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/15 15:20 |
| S19<br>8 | 46  | ((two or multiple or plural\$3) and<br>certificate and (ca or (certificat\$3<br>adj authorit\$3)) and (independent<br>or common or trust or hierarch\$3<br>or parent or ancestor)).clm. | US-PGPUB  | OR | ON | 2005/07/19 17:42 |
| S19<br>9 | 608 | ((two or multiple or plural\$3) and<br>(id or identif\$8) and certificate).<br>clm.   | US-PGPUB  | OR | ON | 2005/07/19 17:43 |
| S20<br>0 | 34  | ((two or multiple or plural\$3) near<br>(id or identif\$8) and certificate).<br>clm.  | US-PGPUB  | OR | ON | 2005/07/19 18:00 |
| S20<br>1 | 1   | ((two or multiple or plural\$3)<br>near3 (signature) near5<br>concatena\$3 and certificate).clm.  | US-PGPUB  | OR | ON | 2005/07/19 18:00 |